

1904-2004
Duane Morris
 100th Anniversary

FIRM and AFFILIATE OFFICES

NEW YORK
 LONDON
 CHICAGO
 HOUSTON
 PHILADELPHIA
 SAN DIEGO
 SAN FRANCISCO
 DETROIT
 BOSTON
 WASHINGTON, DC
 ATLANTA
 MIAMI
 PITTSBURGH
 NEWARK
 ALLENTOWN
 WILMINGTON
 CHERRY HILL
 HARRISBURG
 BANGOR
 PRINCETON
 WESTCHESTER

WILLIAM R. HANSEN
 DIRECT DIAL: 212.692.1011
 E-MAIL: wrhansen@duanemorris.com

www.duanemorris.com

August 18, 2004

VIA FEDEX

CARLOS ITALIAN CHARM SHOP
 Nimbus Winery
 12401 Folsom Boulevard, No. 223
 Rancho Cordova, CA 95742

Re: NOTICE OF PUBLICATION
U.S. Patent Application Publication
Pub. No.: US 2004/0144131-A1
Pub. Date: July 29, 2004
NECKLACES AND BRACELETS WITH KEEPERS

Dear Sirs:

We represent Pandora Smykker USA Aps and Pandora Jewelry, LLC (collectively, "Pandora"). Pandora Jewelry is the United States distributor of the unique and distinctive jewelry designs created by Pandora Smykker's artisans in Copenhagen. In particular, our clients had created a unique, distinctive series of beads, spacers, clips, bracelets and necklaces which are each original works of art which capture the expressive spirit of Scandinavian design. Building upon the original character of these copyrighted Pandora jewelry designs, Per E. Enevoldsen, a principal of Pandora, invented a unique method of stringing jewelry beads, spacers and clips which, in turn, form individually distinctive bracelets and necklaces. On July 21, 2003, Pandora filed a patent application with the U.S. Patent and Trademark Office to protect Mr. Enevoldsen's invention. The patent application currently pending is entitled "NECKLACES AND BRACELETS WITH KEEPERS" and was assigned Application No. 10/623,641.

Pandora is now aware that Carlos Italian Charm Shop is offering to sell or selling necklaces and bracelets in the United States which appear to utilize substantially the same construction and perform the same function as Pandora's patent pending for its necklaces and bracelets.

PLEASE BE ADVISED that Pandora's patent application was published by the U.S. Patent and Trademark Office on July 29, 2004, as Publication No. US 2004/0144131-A1.

DUANE MORRIS LLP

380 LEXINGTON AVENUE NEW YORK, NY 10168

PHONE: 212.692.1000 FAX: 212.692.1020

CHAMILIA0257

CARLOS ITALIAN CHARM SHOP

August 18, 2004

Page 2

Enclosed is a copy of the U.S. Patent Application Publication issued by the U.S. Patent and Trademark Office in connection with the above-referenced application.

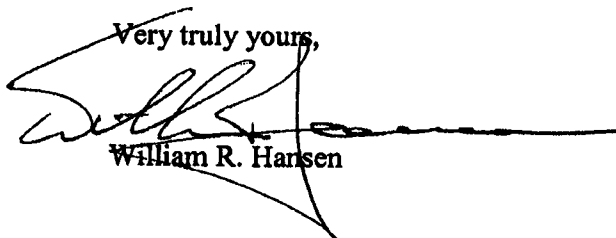
PLEASE BE FURTHER ADVISED that Pandora has invested significant effort and expense in the research, development and patenting and the creation of the distinctive and creative elements of the aforementioned necklaces and bracelets, and considers the patent application and other intellectual property covering such products to be an important and highly valuable asset. Pandora, therefore, has significant business interests in protecting the proprietary technology covered by its published U.S. Patent application and other intellectual property rights. As a matter of company policy, Pandora vigorously defends and protects its intellectual property rights and is prepared to take all appropriate actions to ensure that its valuable intellectual property rights remain protected and un infringed.

YOU ARE HEREBY GIVEN ACTUAL NOTICE OF PANDORA'S PUBLISHED APPLICATION. Recent amendments to the patent laws create an additional right of a patent, namely, a "provisional" right to compensation. *See generally* 35 U.S.C. § 154(d). The right is to "obtain a reasonable royalty" for a period beginning on the date of the patent application's publication and ending on the date of the patent's issuance. 35 U.S.C. § 154(d)(1). The royalty right extends to "any person" who had actual notice of the published patent application and who commits the acts that would otherwise constitute infringement of a patent, that is, making, using, or offering for sale the invention as claimed in the published patent application or importing such an invention into the United States. 35 U.S.C. § 154(d)(1)(A)(B).

YOU ARE HEREBY ADVISED that any manufacture, sale or offering for sale of necklaces and bracelets that substantially utilize the same construction and perform the same function as Pandora's published patent application for its necklaces and bracelets gives rise to provisional rights under the patent laws of the United States.

If you would like to discuss any of the points in this letter, please do not hesitate to contact the undersigned.

Very truly yours,



William R. Hansen

GGM/
Enclosure

CHAMILIA0258



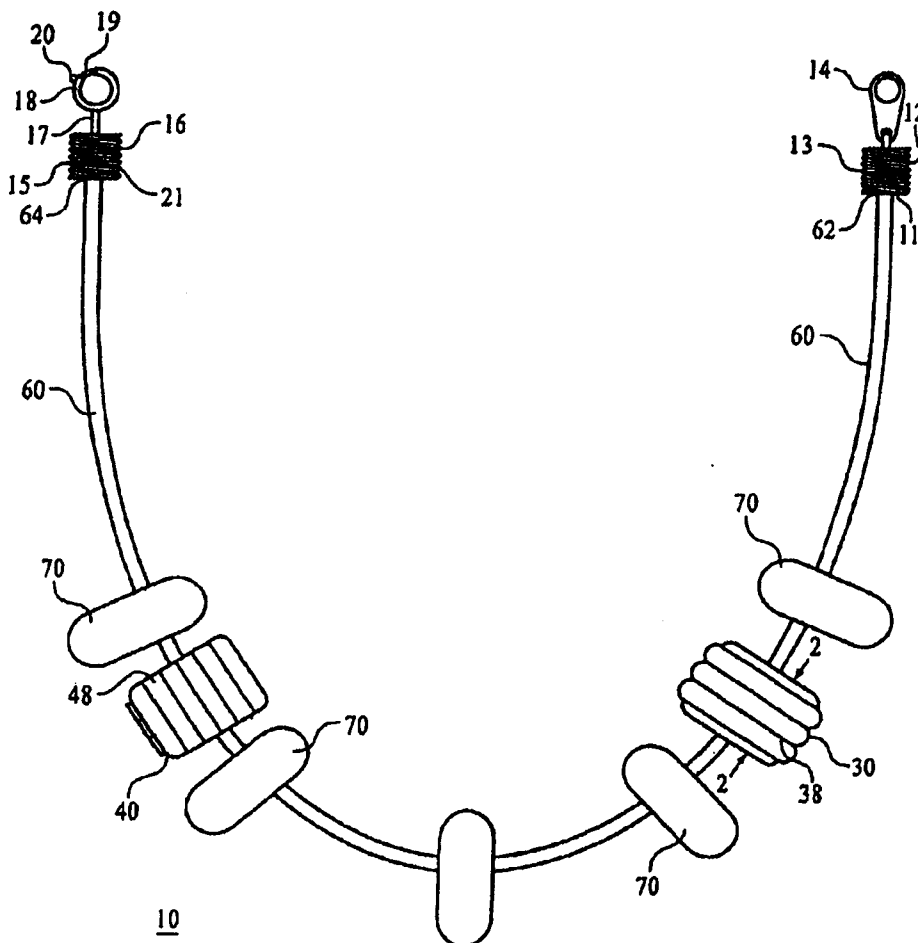
US 20040144131A1

(19) **United States**(12) **Patent Application Publication**
Enevoldsen(10) **Pub. No.: US 2004/0144131 A1**(43) **Pub. Date: Jul. 29, 2004**(54) **NECKLACES AND BRACELETS WITH
KEEPERS**(52) **U.S. Cl. 63/3; 63/3.1**(76) **Inventor: Per A. Enevoldsen, Roederovre (DK)**

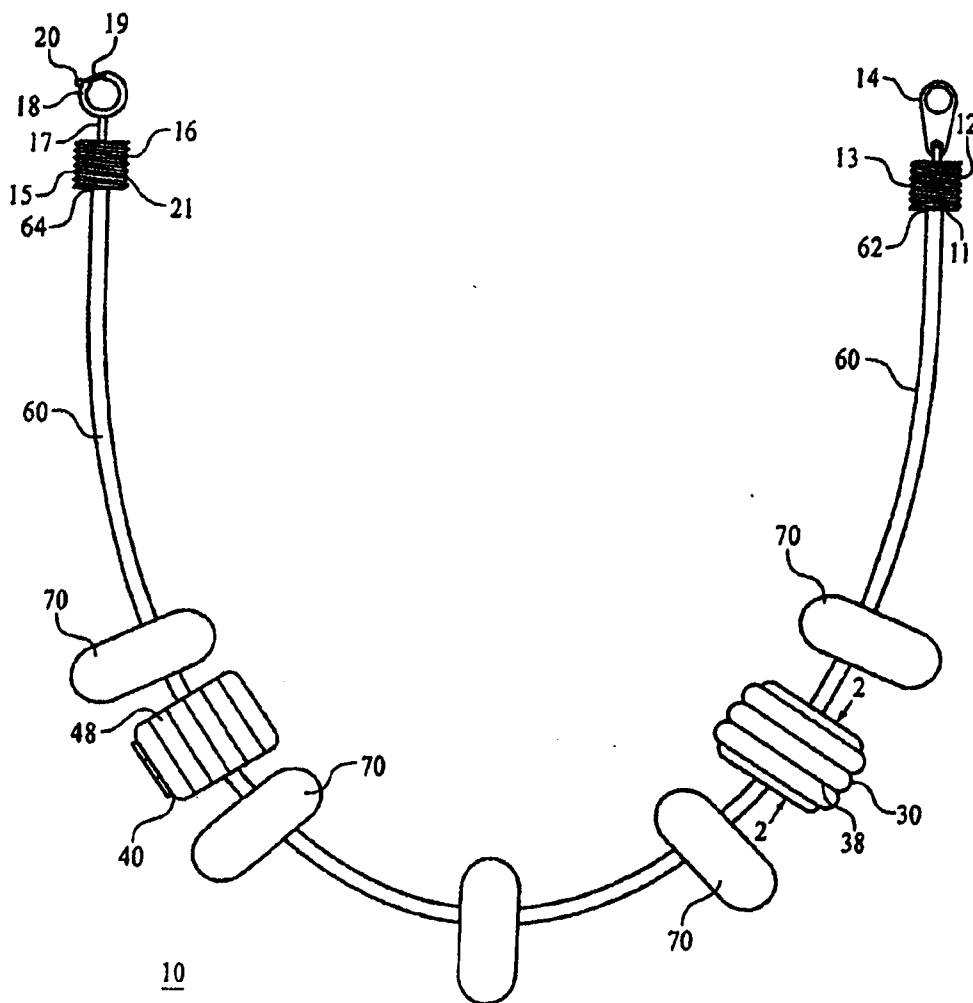
Correspondence Address:
Samuel W. Apicelli, Esquire
Duane Morris LLP
305 North Front Street
P.O. Box 1003
Harrisburg, PA 17108-1003 (US)

(57) **ABSTRACT**

This invention is a necklace or bracelet with provisions to prevent the bunching of baubles, bangles and beads which are strung on the necklace or bracelet. Bunching is prevented by keepers which are removably attached to bands fixed at intervals on the strands of the necklaces or bracelets. Two types of keepers are disclosed, one of which has internal threads which interact with a threaded bands, and one which uses a clamshell structure to secure the keeper on a band. The keepers may have a variety of shapes for decorative effects, such as cylindrical, spherical, cubical, or pyramid-shaped.

(21) **Appl. No.: 10/623,641**(22) **Filed: Jul. 21, 2003****Publication Classification**(51) **Int. Cl.⁷ A44C 5/00**

Patent Application Publication Jul. 29, 2004 Sheet 1 of 6 US 2004/0144131 A1



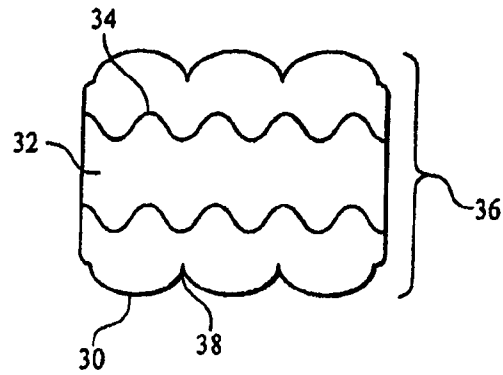


FIG. 2

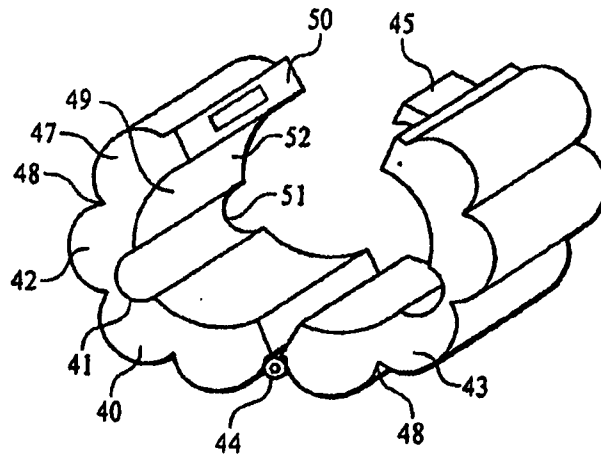


FIG. 3A

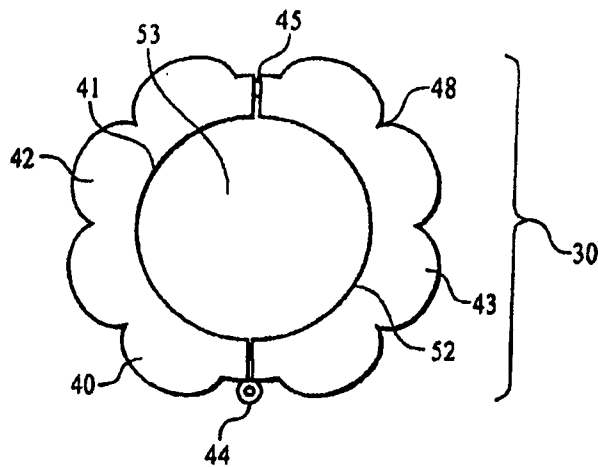


FIG. 3B

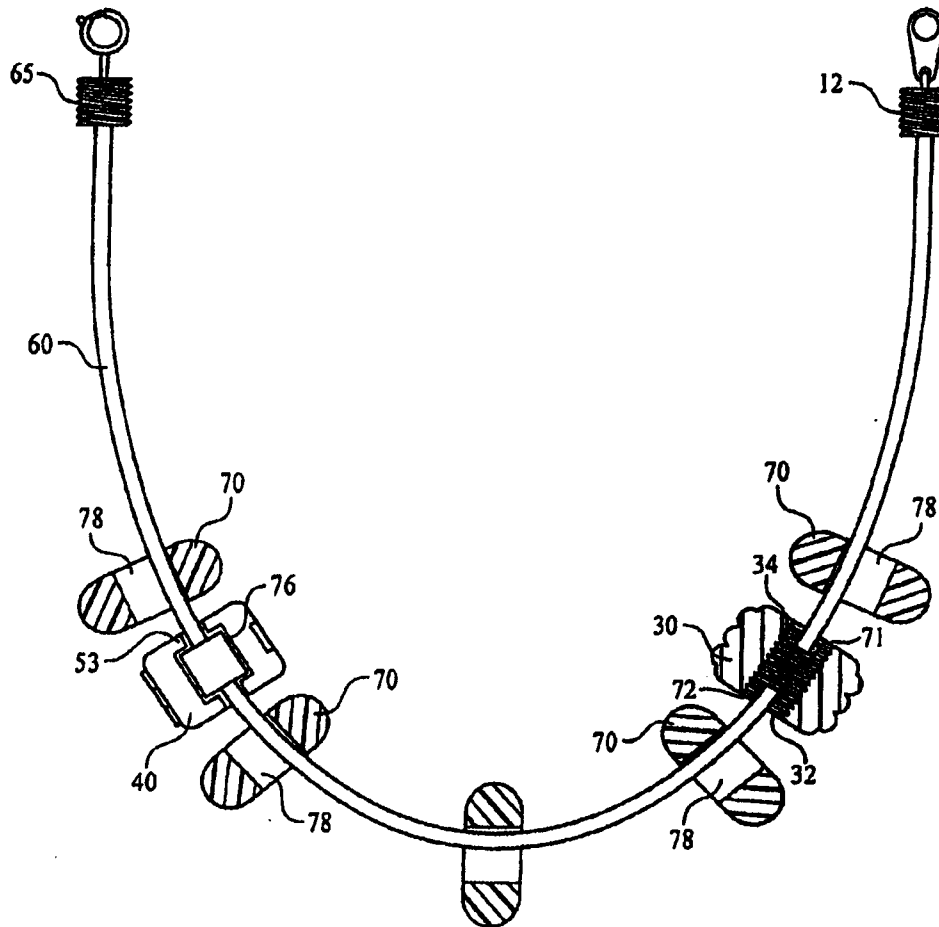


FIG. 4

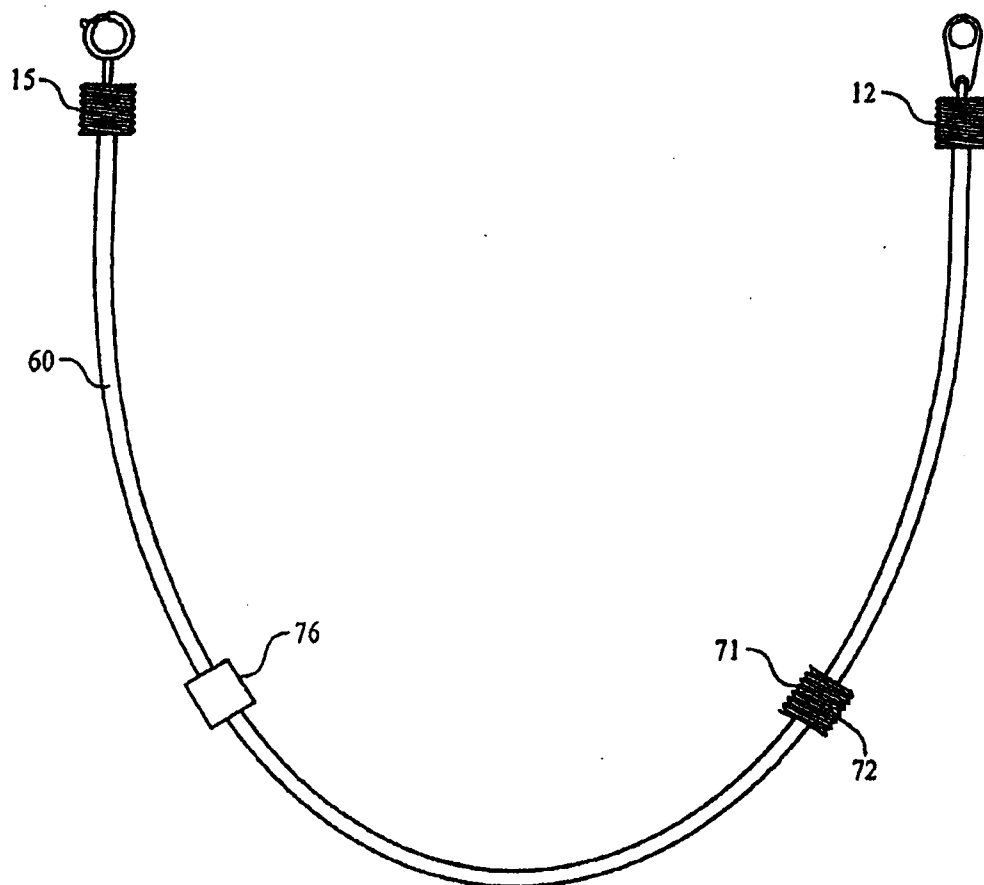


FIG. 5

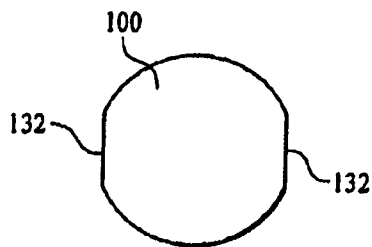


FIG. 6A

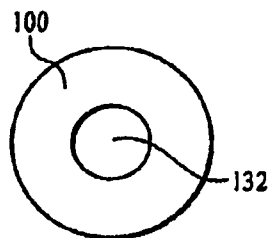


FIG. 6B

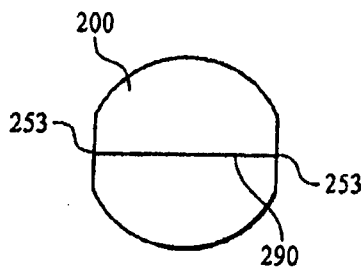


FIG. 7A

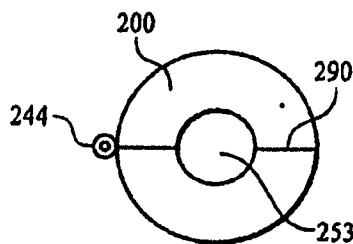


FIG. 7B

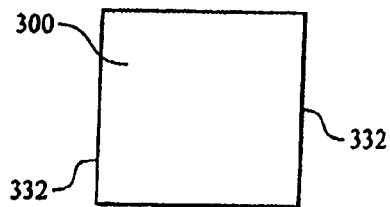


FIG. 8A

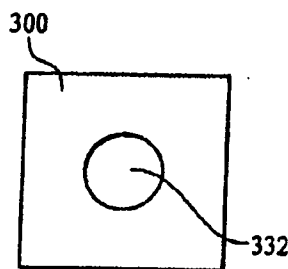


FIG. 8B

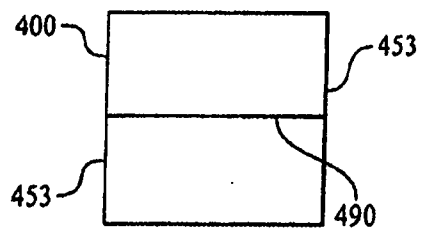


FIG. 9A

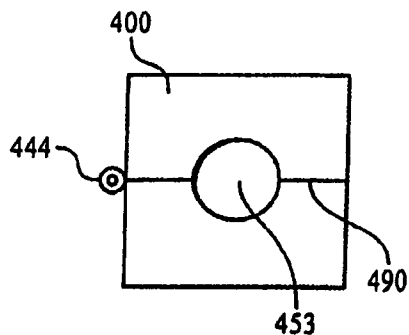


FIG. 9B

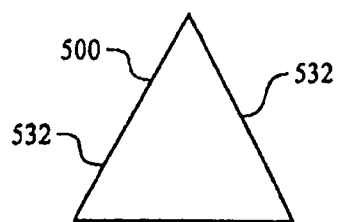


FIG. 10A

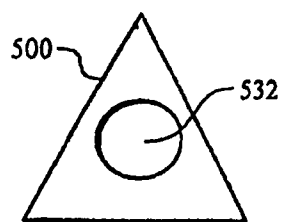


FIG. 10B

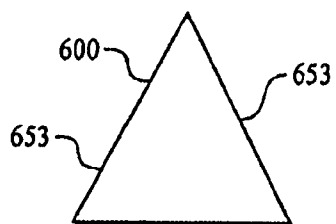


FIG. 11A

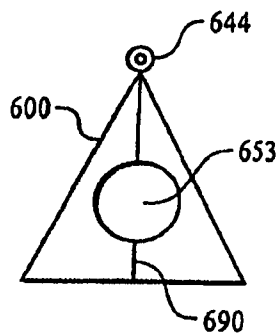


FIG. 11B

US 2004/0144131 A1

Jul. 29, 2004

1

NECKLACES AND BRACELETS WITH KEEPERS**CROSS-REFERENCE TO RELATED APPLICATIONS**

[0001] Not Applicable.

STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR DEVELOPMENT

[0002] Not Applicable.

[0003] Reference to "Microfiche appendix."

[0004] Not Applicable.

BACKGROUND OF THE INVENTION

[0005] 1. Field of the Invention

[0006] This invention pertains to necklaces and bracelets with decorative baubles, bangles, and beads.

[0007] 2. Description of Related Art Including Information Disclosed Under 37 CFR 1.97 and 37 CFR 1.98

[0008] A popular type of necklace includes a flexible strand to which a number of beads are retained by being strung on the strand a lumen in the bead or a loop attached to the bead. Beads often are purely decorative and come in a variety of colors and shapes and often have embedded decorative elements such as stones. In addition, beads often have symbolic meaning to the wearer and represent descendants or important events. Necklaces having a plurality of beads often suffer from "bunching", the tendency of all of the beads to collect in a single group at the bottom of the necklace rather than remain in the desirable more even distribution about the length of the necklace. The invention of this patent application prevents bunching.

[0009] U.S. Pat. No. 3,983,716 discloses a jewelry lock in which the ends of strand have attached extensions. The extensions may be secured by a jewelry lock having the external shape of a bead. It includes two hinged hemispheric cups with notches which accommodate hitches attached to the ends of a bead chain, thereby securing the ends.

[0010] U.S. Pat. No. 4,530,221 discloses a necklace attachment for shortening the length of a string of pearls. The attachment engulfs and attaches together two pearls which are in adjacent portions of a strand of pearls. Another embodiment engulfs one pearl and may be used to attach decorative elements to the strand.

[0011] U.S. Pat. No. 4,562,704 discloses a latch for a chain having a male and female element. Removable designer elements are strung over the compressed male element and are retained by the female element and uncompressed male element. There are no provisions for preventing the movement of elements on the chain.

[0012] U.S. Pat. No. 4,907,322 discloses a pearl necklace with a stainless steel wire which is secured by a retainer having a setscrew. The pearls are separated by elastic rings.

[0013] U.S. Pat. No. 5,279,132 discloses a holding device which prevents the movement of a body adornment suspended from a chain. This avoids the tendency of the clasp to walk-around or creep from the back to the front of the

wearer's body. The adornment is affixed to the wearer's skin or clothing using a double-sided adhesive, spray adhesive, or brush on adhesive.

[0014] U.S. Pat. No. 6,449,810 discloses a stopper for jewelry strands. The stopper is strung on one or two strands and secured in place by two rubber rings, one above and one below the strand or strands. The stopper is used to adjust the length of a flexible strand.

[0015] None of the discovered prior art provides the advantages of the present invention, that of decorative keepers which retain beads on a necklace in a desirable distribution and prevent bunching.

BRIEF SUMMARY OF THE INVENTION

[0016] A necklace comprising a strand having two ends and a hook component attached to each end of the strand, the hook components capable of interaction with reversible attachment of the ends together. At least one band is fixedly attached to the strand, two or more beads, each bead having a bore of diameter greater than the diameter of the band and greater than the diameter of the hook component attached to one end of the strand, thereby allowing the stringing of the beads on the strand. Finally, there is at least one keeper having an outside diameter greater than the bore of the bead, the keeper capable of interacting with the band with reversible attachment of the band and keeper, thereby restricting the movement of the beads on the strand.

[0017] The objective of this invention is to provide a necklace with beads and keepers in which the beads do not bunch.

[0018] Another objective of this invention is to provide a necklace with beads and removable keepers so the distribution of the beads on the necklace can be modified by the necklace wearer.

[0019] Another objective of this invention is to provide a necklace with beads and keepers with a threaded keeper or a hinged keeper.

[0020] Another objective of this invention is to provide a necklace with beads and keepers with keepers in decorative shapes which add to the decorative effect of the necklace.

[0021] Another objective of this invention is to provide a necklace with beads and keepers with keepers of cylindrical, spherical, cubical or pyramid shapes.

[0022] A final objective is to provide a necklace with beads and keepers which can be manufactured inexpensively and without adverse effects on the environment.

BRIEF DESCRIPTION OF THE SEVERAL VIEWS OF THE DRAWING

[0023] FIG. 1 is a plan view of the necklace of this invention.

[0024] FIG. 2 is a cross-sectional view of the threaded keeper.

[0025] FIG. 3A is a perspective view of the hinged keeper in the open position.

[0026] FIG. 3B is a plan view of the hinged keeper in the closed position.

US 2004/0144131 A1

Jul. 29, 2004

2

[0027] FIG. 4 is a plan view of the necklace with the keepers and beads in cross section taken along the plane of the necklace.

[0028] FIG. 5 shows the necklace without beads and without keepers.

[0029] FIG. 6A is a front view of a spherical threaded keeper.

[0030] FIG. 6B is a side view of a spherical threaded keeper.

[0031] FIG. 7A is a front view of a spherical hinged keeper.

[0032] FIG. 7B is a side view of a spherical hinged keeper.

[0033] FIG. 8A is a front view of a cubical threaded keeper.

[0034] FIG. 8B is a side view of a cubical threaded keeper.

[0035] FIG. 9A is a front view of a cubical hinged keeper.

[0036] FIG. 9B is a side view of a cubical hinged keeper.

[0037] FIG. 10A is a front view of a pyramid-shaped threaded keeper.

[0038] FIG. 10B is a side view of a pyramid-shaped threaded keeper.

[0039] FIG. 11A is a front view of a pyramid-shaped hinged keeper.

[0040] FIG. 11B is a side view of a pyramid-shaped hinged keeper.

DETAILED DESCRIPTION OF THE INVENTION

[0041] In this patent application body adornments such as necklaces, bracelets, anklets, waist chains are termed "necklaces". Flexible chains, wire cables, bands, filaments, cords, strings, which are a component of the necklaces are termed "strands". Baubles, bangles, pendants, trinkets, and beads which are strung on a strand are termed "beads".

[0042] FIG. 1 shows a necklace 10 of this invention. The ends of the strand 60 may be connected by the interaction of a loop connector 12 with a hook connector 15. The loop connector 12 is comprised of a cylindrical loop threaded end 13 which is fixed to a first end 62 of the strand 60. A loop connector loop 14 is connected to the loop threaded end 13. Loop connector threads 11 are cut into the surface of the loop threaded end 13. The loop connector 12 outer diameter 22 is small enough to allow passage of the threaded connector 30 bore (not visible in FIG. 1) and bead 70 bore (not visible in FIG. 1) over the loop connector 12, thereby allowing stringing of the threaded keeper 30 and bead 70 over the strand 60. The hook connector 15 is comprised of a hook threaded end 16 which is fixed to a second end 64 of the strand 60. A hook connector ring 17 is attached to the hook threaded end 16. A hook connector hook 18 is connected to the hook connector ring 17. Visible on the hook connector hook 18 is the movable hook connector latch 19 and the hook connector latch handle 20. Any suitable connectors which enable the connection of the first and second ends of the strand may be used provided that at least

one connector has a diameter small enough to allow the passage over that connector of beads 70 and threaded keepers 30.

[0043] Beads 70 having a cylindrical bore (not visible in FIG. 1) are strung on the strand 60 and are free to slide back and forth on the strand. The movement of beads 70 is restrained by a threaded keeper 30 and a hinged keeper 40. The keepers are removably fixed on bands (not visible in FIG. 1) which are fixedly attached to the strand 60.

[0044] The function of the threaded keeper 30 and hinged keeper 40 is to restrain the free movement of the beads 70 on the strand 60, thereby preventing bunching and keeping the beads in a desirable distribution on the necklace.

[0045] The threaded keeper 30 has a distinctive ornamental pattern 38 on the outer surface. The hinged keeper 40 has a distinctive ornamental pattern 48 on the outer surface which is easily distinguished from the ornamental pattern 38 of the threaded keeper 30. The distinct ornamental patterns allow the necklace wearer to easily distinguish between the threaded and hinged keepers when the necklace is being assembled or in use.

[0046] The beads 70 have a cylindrical bore (not visible in FIG. 1) which is large enough to pass over the loop connector 12. Any desirable number and type of beads may be used. Any desirable number of bands can be fixed on the strand and any desired number of threaded keepers and or hinged keepers may be used with the necklace.

[0047] FIG. 2 is a cross sectional view of the threaded keeper 30 taken along line 2-2 in FIG. 1. Visible in FIG. 2 is the threaded keeper bore 32 which is of adequate size to pass over a threaded band (not visible in FIG. 2) and over at least one of the connectors, (12 and 15 in FIG. 1). The interior of the bore 32 is threaded 34 with a thread capable of interaction with and passage over the threaded keeper (not visible in FIG. 2) and the threaded portion of at least one of the connectors by rotation. Alternatively, the threaded keeper is mounted on and retained by the threaded band or threaded portion of at least one of the connectors when it is not rotated. The threaded keeper decoration 38 in the example in FIG. 2 is grooves which encompass the circumference of the cylindrical threaded connector 30. The outer dimension, in this example, the diameter of the threaded keeper 36, is larger than the bore of the beads (not shown in FIG. 2). Fixation of the threaded keeper 30 on a threaded band therefore restricts the movement of the beads on the strand and prevents bunching of the beads on the strand.

[0048] Although the threaded keeper 30 shown in FIGS. 1 and 2 is cylindrical, threaded keepers may be spherical, or have the shape of any geometric solid having three dimensions, providing the threaded bore and outer dimension has the characteristics described above.

[0049] FIG. 3A is a perspective view of the hinged keeper 40 in the open position. The hinged keeper 40 is comprised of a left shell 42 and a right shell 43 which are linked together by a hinge 44. The left shell 42 is comprised of a front wall 47 having a hemispheric front wall notch 41, a back wall 52 having a hemispheric back wall notch 51, a web 49 connecting the front wall 47 and back wall 52, and a top wall 50 which covers the U-shaped structure formed by the ends of the front wall 47, web 49 and back wall 52. The hemispheric front and back wall notches 41 and 51, respec-

US 2004/0144131 A1

Jul. 29, 2004

3

tively, have a diameter slightly larger than one half the diameter of the strand. The right shell 43 is a mirror image of left shell 42 except that the right shell has a friction latch 45 connected to the right shell top wall. The friction latch 45 interacts with the left shell top wall 50 when the hinged keeper 40 is in the closed position and reversibly retains the hinged keeper 40 in the closed position. The hinged keeper decoration element 48 on the outer surface of the hinged keeper is shown in FIG. 3A.

[0050] FIG. 3B is a plan view of the hinged keeper 40 in the closed position. Visible in FIG. 3B is the left shell 42, hinge 44, right shell 43, and hinged keeper decoration element 48. The hinged keeper 40 is retained in the closed position by the friction latch 45. The user can open the closed hinged keeper by inserting two fingernails into the junction between the left shell and right shell at the friction latch. When the hinged keeper is in the closed position, the left shell hemispheric front wall notch 41 and the right shell hemispheric front wall notch 52 together form a hinged keeper bore 53 having a diameter which is slightly larger than the diameter of the strand but smaller than the diameter of a band (not shown in FIG. 3B). The outer dimension of the hinged keeper, in this example, the diameter of the hinged keeper when closed 46, is larger than the bore of the beads (not shown in FIG. 2). Closure of the hinged keeper 40 on a band, threaded or unthreaded, which is attached to a strand, therefore restricts the movement of beads on the strand and prevents bunching of the beads.

[0051] Although the hinged keeper 40 shown in FIGS. 1, 3A and 3B is cylindrical, hinged keepers may be spherical, or have the shape of any geometric solid having three dimensions, providing bore and outer dimension have the characteristics described above.

[0052] FIG. 4 is a plan view of the necklace with the keepers and beads in cross section taken along the plane of the necklace. Visible in FIG. 4 are the strand 60, loop connector 12, and hook connector 15. A threaded band 71 having threads 72 on the outer surface is shown fixed to the strand 60. The diameter and thread dimensions of the threaded band 70 are suitable for the threaded fixation of the threaded keeper 30 by its threads 34. The bore 32 of the threaded keeper 30 is large enough to enable the threaded keeper to be moved over the threaded band 71 by rotation of the threaded keeper 30. The bore 32 of the threaded keeper 30 is large enough to allow passage of the threaded keeper 30 over an unthreaded band 76. A hinged keeper 40 is shown in FIG. 4 in the closed position closed over an unthreaded keeper 76. The bore 53 of the hinged keeper 40 is small enough to prevent movement of the hinged keeper 40 when the hinged keeper 40 is closed over an unthreaded band 76. Also shown in FIG. 4 are beads 70 which are strung on the strand 60. The bores 78 of the beads 70 are large enough to allow movement of the beads 70 over at least one of the connectors 12 and 15, over the threaded bands 71, and over the unthreaded bands 76. The bores 78 of the beads 70 are not large enough to allow passage over the threaded keepers 30 and hinged keepers 40 when they are attached to the threaded bands 71 and unthreaded bands 76, respectively.

[0053] FIG. 5 shows the necklace without beads and without keepers. Visible in FIG. 5 are the strand 60, loop connector 12, and hook connector 15. A threaded band 71 having threads 72 on the outer surface is shown fixed to the

strand 60. The diameter and thread dimensions of the threaded band 70 are suitable for the threaded fixation of the threaded keeper 30 by its threads 34. The bore 32 of the threaded keeper is large enough to pass over the threaded keeper if the threaded keeper is manually rotated against the threaded band. A threaded keeper may be moved over a threaded band by rotating the threaded keeper against a threaded band thereby engaging the band and keeper threads and then disengaging the band and keeper threads. An unthreaded band 76 is shown fixed to the strand. The bore 53 of the hinged keeper is smaller than the diameter of the band. A hinged keeper 40 may be removably fixed to either an unthreaded or threaded band. A band, threaded or unthreaded, is fixed to the strand preferably by compression on the strand, by interaction with the links of a chain, or by adhesive, or any other suitable means of fixation of a band on a strand.

[0054] The diameter the threaded band is larger than the bore of the threaded and hinged keepers, thus preventing the movement of a threaded keeper past a threaded band unless the threaded keeper is rotated into engagement of the band and keeper threads, and preventing the movement of a closed hinged keeper past a threaded band. The diameter of an unthreaded band is large enough to prevent the movement of a closed hinged keeper past an unthreaded band but small enough to allow the movement of a threaded keeper past the unthreaded band.

[0055] FIG. 6A is a front view of a spherical threaded keeper 100. The threaded keeper bore 132 is oriented at either end of the front view of the spherical threaded keeper 100.

[0056] FIG. 6B is a side view of a spherical threaded keeper 100. The bore 132 is visible in the side of the spherical threaded keeper 100.

[0057] FIG. 7A is a front view of a spherical hinged keeper 200. The hinged keeper bore 253 is oriented at either end of the front view of the spherical threaded keeper 200. The intersection 290 between the upper and lower shells is shown in FIG. 7A.

[0058] FIG. 7B is a side view of a spherical hinged keeper 200. The bore 253 is visible between the upper and lower shells and the intersection 290 between the upper and lower shells and the hinge 644 connecting the upper and lower shells are shown in FIG. 7B.

[0059] FIG. 8A is a front view of a cubical threaded keeper 300. The threaded keeper bore 332 is oriented at either end of the front view of the spherical threaded keeper 300.

[0060] FIG. 8B is a side view of a cubical threaded keeper 300. The bore 332 is visible in the side of the cubical threaded keeper 300.

[0061] FIG. 9A is a front view of a cubical hinged keeper 400. The hinged keeper bore 453 is oriented at either end of the front view of the spherical threaded keeper 400. The intersection 490 between the upper and lower shells is shown in FIG. 9A.

[0062] FIG. 9B is a side view of a cubical hinged keeper 400. The bore 453 is visible between the upper and lower shells and the intersection 490 between the upper and lower

US 2004/0144131 A1

Jul. 29, 2004

4

shells shells and the hinge 444 connecting the upper and lower shells are shown in FIG. 9B.

[0063] FIG. 10A is a front view of a pyramid-shaped threaded keeper 500. The threaded keeper bore 532 is oriented at either end of the front view of the pyramid-shaped threaded keeper 500.

[0064] FIG. 10B is a side view of a pyramid-shaped threaded keeper 500. The bore 532 is visible in the side of the pyramid-shaped threaded keeper 500.

[0065] FIG. 11A is a front view of a pyramid-shaped hinged keeper 600. The hinged keeper bore 653 is oriented at either end of the front view of the pyramid-shaped threaded keeper 600.

[0066] FIG. 11B is a side view of a pyramid-shaped hinged keeper 600. The bore 653 is visible between the upper and lower shells and the intersection 690 between the upper and lower shells and the hinge 644 connecting the upper and lower shells are shown in FIG. 7B.

[0067] In use, the wearer strings beads and one or more threaded keepers on a strand having one or more threaded bands. The order of the beads and keepers is chosen in order to provide the desired distribution of beads on the necklace. The use of a hinged keeper provides additional flexibility for the wearer, as the hinged connector can be attached after the beads and the threaded keeper have been strung. The arrangement of beads and keepers may be altered by simply restringing the components on the strand.

[0068] Any suitable strong, flexible material may be used for the strand, or rigid material may be used in the form of a chain. A preferred material of construction is silver. Other suitable materials include bronze, steel, copper, plastic, and silk. Any suitable strong, hard material may be used for construction of the bands. A preferred material of construction is silver. Other suitable materials include stainless steel, copper, and plastic. Any suitable strong, hard material may be used for the keepers. A preferred material of construction is silver. Other suitable materials include bronze, steel, copper, and plastic.

[0069] It will be apparent to those skilled in the art that the examples and embodiments described herein are by way of illustration and not of limitation, and that other examples may be used without departing from the spirit and scope of the present invention, as set forth in the appended claims.

I claim:

1. A necklace comprising:

a strand having two ends,

a hook component attached to each end of the strand, the hook components capable of interaction with reversible attachment of the ends together,

at least one band fixedly attached to the strand,

two or more beads,

each bead having a bore of diameter greater than the diameter of the band and greater than the diameter of the hook component attached to one end of the strand, thereby allowing the stringing of the bead on the strand, and

at least one keeper having a bore and an outside diameter greater than the bore of the bead,

the keeper capable of interacting with the band with reversible attachment of the band and keeper, thereby restricting the movement of the bead on the strand.

2. The necklace of claim 1 wherein the bore of the keeper is threaded on its surface and the band is threaded on its external surface, the threaded surfaces of the keeper and band capable of interaction, thereby reversibly fixing the threaded keeper on the strand.

3. The necklace of claim 1 wherein the keeper comprises two hollow sections hinged together, each section having two walls, each wall having a notch, each notch of depth approximating one half the diameter of the strand, the sections and the band capable of interaction by the hinged keeper engulfing the band, thereby reversibly fixing the hinged keeper on the strand.

4. The necklace of claim 3 wherein the sections are reversibly secured in a closed position by a latch attached to one section.

5. The necklace of claim 1 further comprising at least one threaded keeper and at least one hinged keeper.

6. The necklace of claim 5 wherein the threaded keeper and the hinged keeper further comprise decorative elements.

7. The necklace of claim 6 wherein the decorative element of the threaded keeper differs from the decorative element of the hinged keeper.

8. The necklace of claim 2 wherein the threaded keeper has any three-dimension geometric shape.

9. The necklace of claim 3 wherein the hinged keeper has any three-dimension geometric shape.

10. The necklace of claim 2 wherein the threaded keeper has a cylindrical, spherical, cubic, or pyramid shape.

11. The necklace of claim 3 wherein the threaded keeper has a cylindrical, spherical, cubic, or pyramid shape.

12. The process of reversibly restricting the movement of beads on a strand, wherein the beads have bores and are strung on a strand by their bores, and a band having an external diameter less than the diameter of the bead bores is fixed on the strand, comprising the step:

a. attaching to the band a keeper having an external diameter greater than the bead bores.

13. The process of claim 12 wherein the band has an external thread and the keeper has a threaded bore, the keeper attached to the band by the steps comprising:

a. threading the keeper onto the strand,

b. bringing the keeper and the band into contact, and

c. rotating the keeper, thereby engaging the band and keeper threads and attaching the keeper to the band.

14. The process of claim 12 wherein the keeper has two hollow sections hinged together comprising the step:

a. positioning the hinged keeper over a band, and

b. closing the hinged keeper over the band, thereby attaching the keeper to the band.

* * * * *

CHAMILIA0269